

File 9:Business & Industry(R) Jul/1994-2005/Mar 04  
     (c) 2005 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2005/Mar 07  
     (c) 2005 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2005/Mar 07  
     (c) 2005 The Gale group  
 File 148:Gale Group Trade & Industry DB 1976-2005/Mar 07  
     (c)2005 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
     (c) 1999 The Gale Group  
 File 275:Gale Group Computer DB(TM) 1983-2005/Mar 07  
     (c) 2005 The Gale Group  
 File 570:Gale Group MARS(R) 1984-2005/Mar 07  
     (c) 2005 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2005/Mar 07  
     (c) 2005 The Gale Group  
 File 636:Gale Group Newsletter DB(TM) 1987-2005/Mar 07  
     (c) 2005 The Gale Group  
 File 649:Gale Group Newswire ASAP(TM) 2005/Feb 25  
     (c) 2005 The Gale Group

Set	Items	Description
S1	5637794	IMAGE OR IMAGES OR GRAPHIC?? ? OR PICTOR? OR PICTURE? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR VIDEO? ? OR VIDEOIMAGE? OR PHOTOGRAPH?? ?
S2	7678756	PHOTO? ? OR OBJECT? ? OR TEXT? ? OR TEXTUAL OR MEDIA OR ME- DIAS OR FRAME OR FRAMES OR MULTIMEDIA? OR MESSAGE? ? OR TEXTM- ESSAG? OR TEXTDATA
S3	21555	POLYMEDIA? OR HYPERMEDIA? OR CYBERMEDIA? OR RICHMEDIA? OR - MIXEDMEDIA? OR EMEDIA? ? OR SMARTMEDIA? OR IMAGEDATA OR VIDEO- FRAME?
S4	7	MOVIEFRAME? OR IMAGEFRAME?
S5	140758	SCREEN(3N) (S1:S4 OR DATA)
S6	1055203	(S1:S4 OR DATA) (3N) (CAPTUR? OR STORAGE OR STORE? ? OR STOR- ING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT- ?)
S7	440144	(S1:S4 OR DATA) (3N) (WAREHOUS? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S8	6854311	CHRONOLOG? OR SEQUENCE? OR SEQUENT? OR ORDER??? ? OR REORD- ER? OR SERIAL?? ? OR CONSECUTIVE? OR SUCCESSION? OR SUCCESSIV- E?
S9	179560	S8(3N) (DISPLAY? OR VIEW??? ? OR LOOK??? ? OR SEE OR SEES OR SEEN OR SEEAB? OR SEEING OR SHOW??? ? OR OBSERV? OR PRESENT? OR APPEAR?)
S10	18703	S8(3N) (OUTPUT? OR OUT() (PUT??? ? OR PUTTING) OR REVEAL? OR ONSCREEN? OR REPLAY? OR REDISPLAY? OR RENDER?)
S11	4012	ONSCREEN(3N) (S1:S4 OR DATA)
S12	12446	(S5 OR S11) (S)S6:S7
S13	64	S12(S)S9:S10
S14	3769712	AUTOMATIC? OR INDEPENDENT?
S15	105989	S14(3N) (CAPTUR? OR STORAGE OR STORE? ? OR STORING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT?)
S16	30734	S14(3N) (WAREHOUS? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S17	462	(S5 OR S11) (S)S15:S16
S18	1	S17(S)S9:S10
S19	64	S13 OR S18
S20	1	S19/2002:2005
S21	63	S19 NOT S20
S22	44	RD (unique items)

File 347:JAPIO Nov 1976-2004/Oct(Updated 050209)

(c) 2005 JPO & JAPIO

File 350:Derwent WPIX 1963-2005/UD,UM &UP=200515

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Set	Items	Description
S1	1987330	IMAGE OR IMAGES OR GRAPHIC?? ? OR PICTOR? OR PICTURE? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR VIDEO? ? OR VIDEOIMAGE? OR PHOTOGRAPH?? ?
S2	2342441	PHOTO? ? OR OBJECT? ? OR TEXT? ? OR TEXTUAL OR MEDIA OR ME- DIAS OR FRAME OR FRAMES OR MULTIMEDIA? OR MESSAGE? ? OR TEXTM- ESSAG? OR TEXTDATA
S3	336	POLYMEDIA? OR HYPERMEDIA? OR CYBERMEDIA? OR RICHMEDIA? OR - MIXEDMEDIA? OR EMEDIA? ? OR SMARTMEDIA? OR IMAGEDATA OR VIDEO- FRAME?
S4	1	MOVIEFRAME? OR IMAGEFRAME?
S5	58702	SCREEN(3N)(S1:S4 OR DATA)
S6	497899	(S1:S4 OR DATA)(3N)(CAPTUR? OR STORAGE OR STORE? ? OR STOR- ING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT- ?)
S7	50231	(S1:S4 OR DATA)(3N)(WAREHOUS? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S8	1504127	CHRONOLOG? OR SEQUENCE? OR SEQUENT? OR ORDER??? ? OR REORD- ER? OR SERIAL?? ? OR CONSECUTIVE? OR SUCCESSION? OR SUCCESSIV- E?
S9	42139	S8(3N)(DISPLAY? OR VIEW??? ? OR LOOK??? ? OR SEE OR SEES OR SEEN OR SEEAB? OR SEEING OR SHOW??? ? OR OBSERV? OR PRESENT? OR APPEAR?)
S10	39006	S8(3N)(OUTPUT? OR OUT() (PUT??? ? OR PUTTING) OR REVEAL? OR ONSCREEN? OR REPLAY? OR REDISPLAY? OR RENDER?)
S11	18	ONSCREEN(3N)(S1:S4 OR DATA)
S12	10658	(S5 OR S11) AND S6:S7
S13	475	S12 AND S9:S10
S14	47834	IC='G06F-007'
S15	18805	IC='G06F-007/00'
S16	171301	IC='G06F-017/60'
S17	28	S13 AND S14:S16
S18	28	IDPAT (sorted in duplicate/non-duplicate order)
S19	28	IDPAT (primary/non-duplicate records only)
S20	2578823	AUTOMATIC? OR INDEPENDENT?
S21	26033	S20(3N)(CAPTUR? OR STORAGE OR STORE? ? OR STORING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT?)
S22	6759	S20(3N)(WAREHOUS? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S23	167	(S5 OR S11) AND S21:S22
S24	12	S23 AND S9:S10
S25	12	S24 NOT S19
S26	12	IDPAT (sorted in duplicate/non-duplicate order)
S27	12	IDPAT (primary/non-duplicate records only)

File 348:EUROPEAN PATENTS 1978-2005/Feb W04  
(c) 2005 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20050303,UT=20050224  
(c) 2005 WIPO/Univentio  
File 324:German Patents Fulltext 1967200508  
(c) 2005 Univention

Set	Items	Description
S1	999697	IMAGE OR IMAGES OR GRAPHIC?? ? OR PICTOR? OR PICTURE? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR VIDEO? ? OR VIDEOIMAGE? OR PHOTOGRAPH?? ?
S2	1476236	PHOTO? ? OR OBJECT? ? OR TEXT? ? OR TEXTUAL OR MEDIA OR ME- DIAS OR FRAME OR FRAMES OR MULTIMEDIA? OR MESSAGE? ? OR TEXTM- ESSAG? OR TEXTDATA
S3	1174	POLYMEDIA? OR HYPERMEDIA? OR CYBERMEDIA? OR RICHMEDIA? OR - MIXEDMEDIA? OR EMEDIA? ? OR SMARTMEDIA? OR IMAGEDATA OR VIDEO- FRAME?
S4	16	MOVIEFRAME? OR IMAGEFRAME?
S5	57951	SCREEN(3N) (S1:S4 OR DATA)
S6	342955	(S1:S4 OR DATA) (3N) (CAPTUR? OR STORAGE OR STORE? ? OR STOR- ING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT- ?)
S7	66776	(S1:S4 OR DATA) (3N) (WAREHOU? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S8	2506540	CHRONOLOG? OR SEQUENCE? OR SEQUENT? OR ORDER??? ? OR REORD- ER? OR SERIAL?? ? OR CONSECUTIVE? OR SUCCESSION? OR SUCCESSIV- E?
S9	321024	S8(3N) (DISPLAY? OR VIEW??? ? OR LOOK??? ? OR SEE OR SEES OR SEEN OR SEEAB? OR SEEING OR SHOW??? ? OR OBSERV? OR PRESENT? OR APPEAR?)
S10	76996	S8(3N) (OUTPUT? OR OUT() (PUT??? ? OR PUTTING) OR REVEAL? OR ONSCREEN? OR REPLAY? OR REDISPLAY? OR RENDER?)
S11	6642	S5(20N)S6:S7
S12	213	S11(20N)S9:S10
S13	43	S12/TI,AB,CM
S14	6867	IC='G06F-007'
S15	1	S12 AND S14
S16	5177	SCREEN(1W) IMAGE? ?
S17	685	S16(20N)S6:S7
S18	16	S17(20N)S9:S10
S19	16	S18 NOT S15
S20	16	IDPAT (sorted in duplicate/non-duplicate order)
S21	16	IDPAT (primary/non-duplicate records only)
S22	8239	S6:S7(3N) (AUTOMATIC? OR INDEPENDENT?)
S23	53	S5(20N)S22
S24	2	S23(20N)S9:S10
S25	1261991	AUTOMATIC? OR INDEPENDENT?
S26	33969	S25(3N) (CAPTUR? OR STORAGE OR STORE? ? OR STORING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT?)
S27	5835	S25(3N) (WAREHOU? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S28	90	S5(20N)S26:S27
S29	2	S28(20N)S9:S10
S30	212	ONSCREEN(3N) (S1:S4 OR DATA)
S31	16	S30(20N)S6:S7
S32	0	S31(20N)S9:S10
S33	37	S13 NOT (S15 OR S21 OR S24 OR S29)
S34	37	IDPAT (sorted in duplicate/non-duplicate order)
S35	37	IDPAT (primary/non-duplicate records only)
?		

File 6:NTIS 1964-2005/Feb W4  
     (c) 2005 NTIS, Intl Cpyrght All Rights Res  
 File 2:INSPEC 1969-2005/Feb W4  
     (c) 2005 Institution of Electrical Engineers  
 File 8:Ei Compendex(R) 1970-2005/Jan W3  
     (c) 2005 Elsevier Eng. Info. Inc.  
 File 34:SciSearch(R) Cited Ref Sci 1990-2005/Feb W4  
     (c) 2005 Inst for Sci Info  
 File 35:Dissertation Abs Online 1861-2005/Feb  
     (c) 2005 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2005/Mar W1  
     (c) 2005 BLDSC all rts. reserv.  
 File 94:JICST-EPlus 1985-2005/Jan W4  
     (c) 2005 Japan Science and Tech Corp(JST)  
 File 95:TEME-Technology & Management 1989-2005/Jan W5  
     (c) 2005 FIZ TECHNIK  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2005/Jan  
     (c) 2005 The HW Wilson Co.  
 File 111:TGG Natl.Newspaper Index(SM) 1979-2005/Mar 04  
     (c) 2005 The Gale Group  
 File 144:Pascal 1973-2005/Feb W4  
     (c) 2005 INIST/CNRS  
 File 256:TecInfoSource 82-2005/Jan  
     (c) 2005 Info.Sources Inc  
 File 266:FEDRIP 2005/Jan  
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 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
     (c) 1998 Inst for Sci Info  
 File 483:Newspaper Abs Daily 1986-2005/Mar 05  
     (c) 2005 ProQuest Info&Learning  
 File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
     (c) 2002 The Gale Group  
 File 603:Newspaper Abstracts 1984-1988  
     (c) 2001 ProQuest Info&Learning

Set	Items	Description
S1	3546346	IMAGE OR IMAGES OR GRAPHIC?? ? OR PICTOR? OR PICTURE? OR AV OR AUDIOVISUAL? OR AUDIOVIDEO? OR VIDEO? ? OR VIDEOIMAGE? OR PHOTOGRAPH?? ?
S2	3794400	PHOTO? ? OR OBJECT? ? OR TEXT? ? OR TEXTUAL OR MEDIA OR ME- DIAS OR FRAME OR FRAMES OR MULTIMEDIA? OR MESSAGE? ? OR TEXTM- ESSAG? OR TEXTDATA
S3	27920	POLYMEDIA? OR HYPERMEDIA? OR CYBERMEDIA? OR RICHMEDIA? OR - MIXEDMEDIA? OR EMEDIA? ? OR SMARTMEDIA? OR IMAGEDATA OR VIDEO- FRAME?
S4	0	MOVIEFRAME? OR IMAGEFRAME?
S5	18790	SCREEN(3N) (S1:S4 OR DATA)
S6	607779	(S1:S4 OR DATA) (3N) (CAPTUR? OR STORAGE OR STORE? ? OR STOR- ING OR SAVING OR SAVE? ? OR COLLECT? OR ACCUMULAT? OR CUMULAT- ?)
S7	315603	(S1:S4 OR DATA) (3N) (WAREHOUS? OR WARE()HOUS??? ? OR AMASS? OR DEPOSIT? OR REPOSIT? OR ACQUIR? OR ACQUISITION? OR ARCHIV?)
S8	6666630	CHRONOLOG? OR SEQUENCE? OR SEQUENT? OR ORDER??? ? OR REORD- ER? OR SERIAL?? ? OR CONSECUTIVE? OR SUCCESSION? OR SUCCESSIV- E?
S9	301752	S8(3N) (DISPLAY? OR VIEW??? ? OR LOOK??? ? OR SEE OR SEES OR SEEN OR SEEAB? OR SEEING OR SHOW??? ? OR OBSERV? OR PRESENT? OR APPEAR?)
S10	55129	S8(3N) (OUTPUT? OR OUT() (PUT??? ? OR PUTTING) OR REVEAL? OR ONSCREEN? OR REPLAY? OR REDISPLAY? OR RENDER?)
S11	110	ONSCREEN(3N) (S1:S4 OR DATA)

File 347: JAPIO Nov 1976-2004/Oct (Updated 050209)  
 (c) 2005 JPO & JAPIO  
 File 350: Derwent WPIX 1963-2005/UD, UM & UP=200515  
 (c) 2005 Thomson Derwent  
 File 348: EUROPEAN PATENTS 1978-2005/Feb W04  
 (c) 2005 European Patent Office  
 File 349: PCT FULLTEXT 1979-2002/UB=20050303, UT=20050224  
 (c) 2005 WIPO/Univentio  
 File 324: German Patents Fulltext 1967200508  
 (c) 2005 Univention

Set	Items	Description
S1	321	AU=DUTTA R?
S2	544	AU=COOPER M?
S3	437	AU=PATEL K?
S4	1284	S1:S3
S5	47459	SCREEN?(3N) IMAGE? ?
S6	6	S4 AND S5

6/9/1 (Item 1 from file: 350)  
 DIALOG(R) File 350: Derwent WPIX  
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015095834 \*\*Image available\*\*  
 WPI Acc No: 2003-156352/200315  
 XRPX Acc No: N03-123439

Transient message displaying method e.g. for banner advertisements,  
 involves capturing and storing screen images having at least one  
 multimedia object with transient messages at different time intervals  
 Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
 Inventor: COOPER M R ; DUTTA R ; PATEL K C  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:  

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US-20020161794	A1	20021031	US 2001843063	A	20010426	200315 B

Priority Applications (No Type Date): US 2001843063 A 20010426  
 Patent Details:  

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020161794	A1	16	G06F-007/00	

Abstract (Basic): US 20020161794 A1

NOVELTY - Several **screen images** having at least one multimedia object containing transient messages rendered on a client display, are captured independently of the user action at different time intervals. Each image is stored, and subsequent rendering of at least one of the stored images is enabled in response to the user selection.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Transient message display system; and
- (2) Transient message display program.

USE - For displaying transient messages such as banner advertisements or messages appearing in web pages.

ADVANTAGE - Enables automatic capture of storage of **screen images** when the multimedia objects are initially rendered to the screen, without user interaction. Facilitates users to replay some or all of the transitory content that has been missed. Also enables the content to be replayed at a speed different from that original rendering speed, thereby enabling persons with cognitive disability to replay the content at a slower speed.